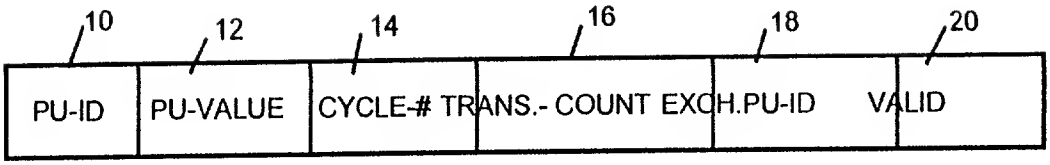
10
12
14
16
18
20
PU-ID
PU-VALUE
CYCLE-#
TRANS.-COUNT
EXCH.PU-ID
VALID

FIG.1

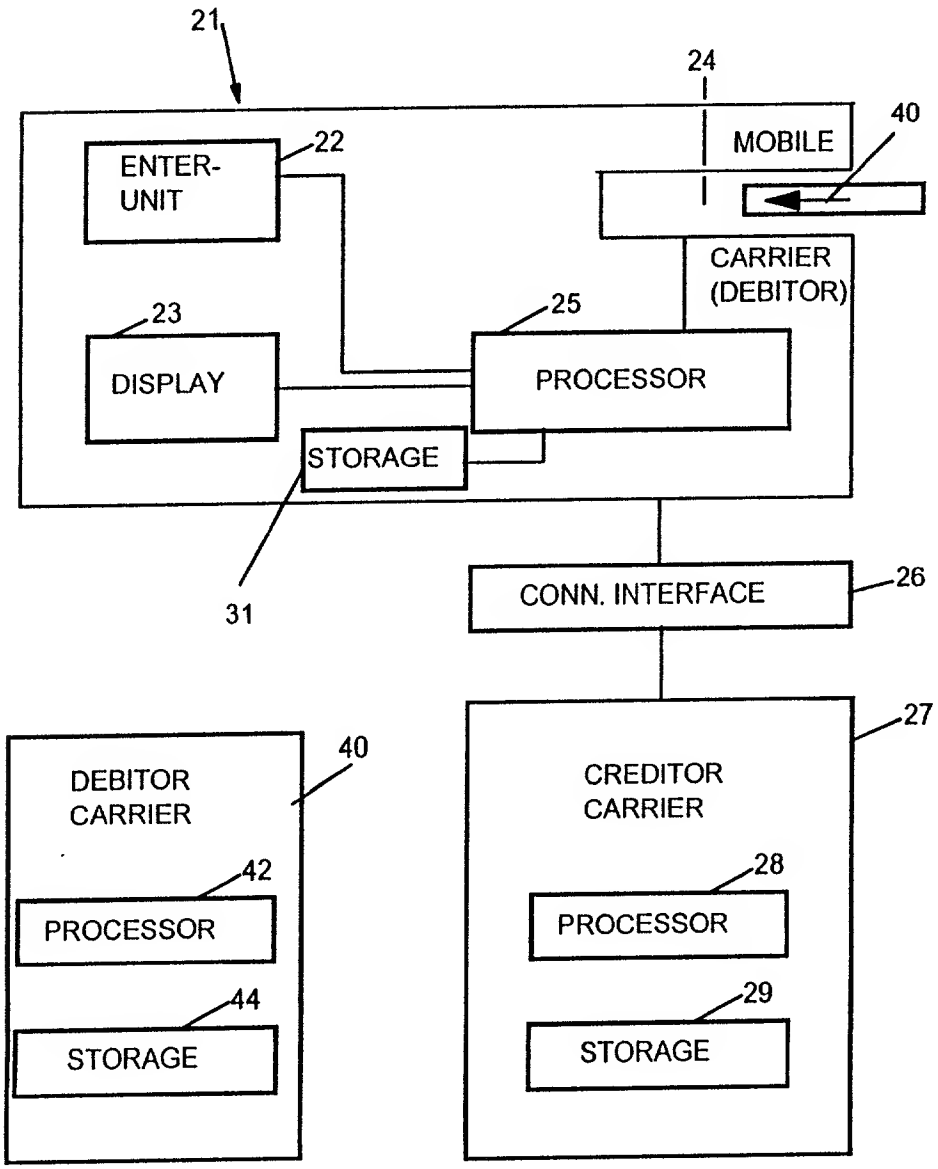
21
24
MOBILE
40
ENTER-UNIT
22
CARRIER (DEBITOR)
23
25
DISPLAY
PROCESSOR
STORAGE
31
CONN. INTERFACE
26
27
40
DEBITOR CARRIER
CREDITOR CARRIER
42
28
PROCESSOR
PROCESSOR
44
29
STORAGE
STORAGE

FIG.2

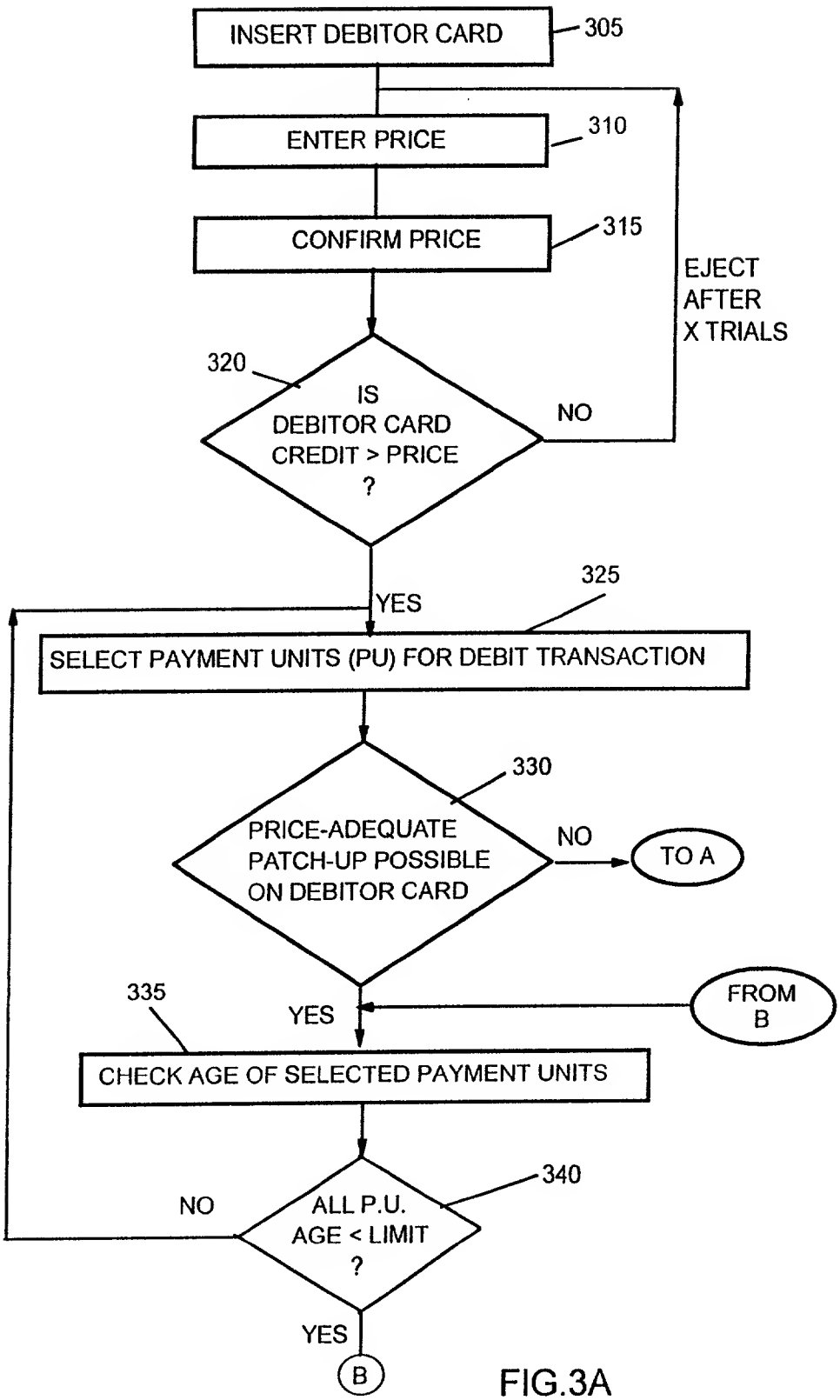
INSERT DEBITOR CARD
305
ENTER PRICE
310
CONFIRM PRICE
315
EJECT
AFTER
X TRIALS
320
IS
DEBITOR CARD
CREDIT > PRICE
?
NO
YES
325
SELECT PAYMENT UNITS (PU) FOR DEBIT TRANSACTION
330
PRICE-ADEQUATE
PATCH-UP POSSIBLE
ON DEBITOR CARD
NO
TO A
335
YES
FROM
B
CHECK AGE OF SELECTED PAYMENT UNITS
340
NO
ALL P.U.
AGE < LIMIT
?
YES
B

FIG.3A

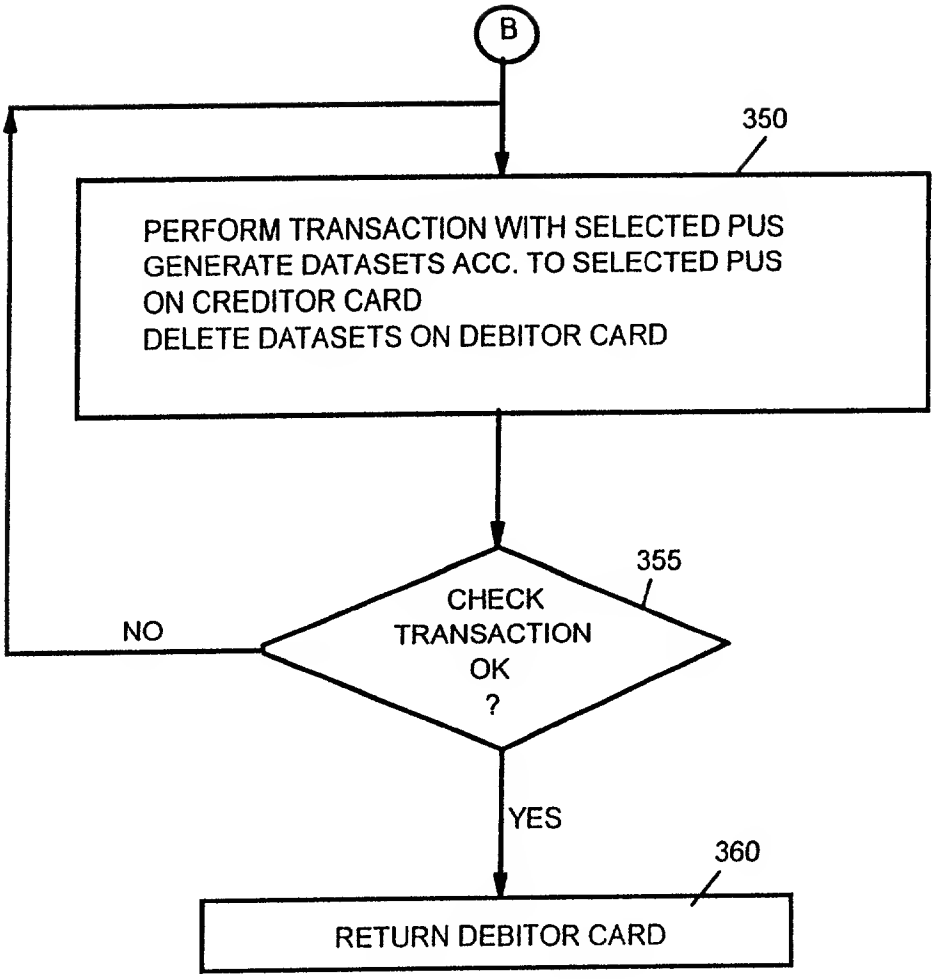
B
350
PERFORM TRANSACTION WITH SELECTED PUS
GENERATE DATASETS ACC. TO SELECTED PUS
ON CREDITOR CARD
DELETE DATASETS ON DEBITOR CARD
355
CHECK
TRANSACTION
OK
?
NO
YES
360
RETURN DEBITOR CARD

FIG.3B

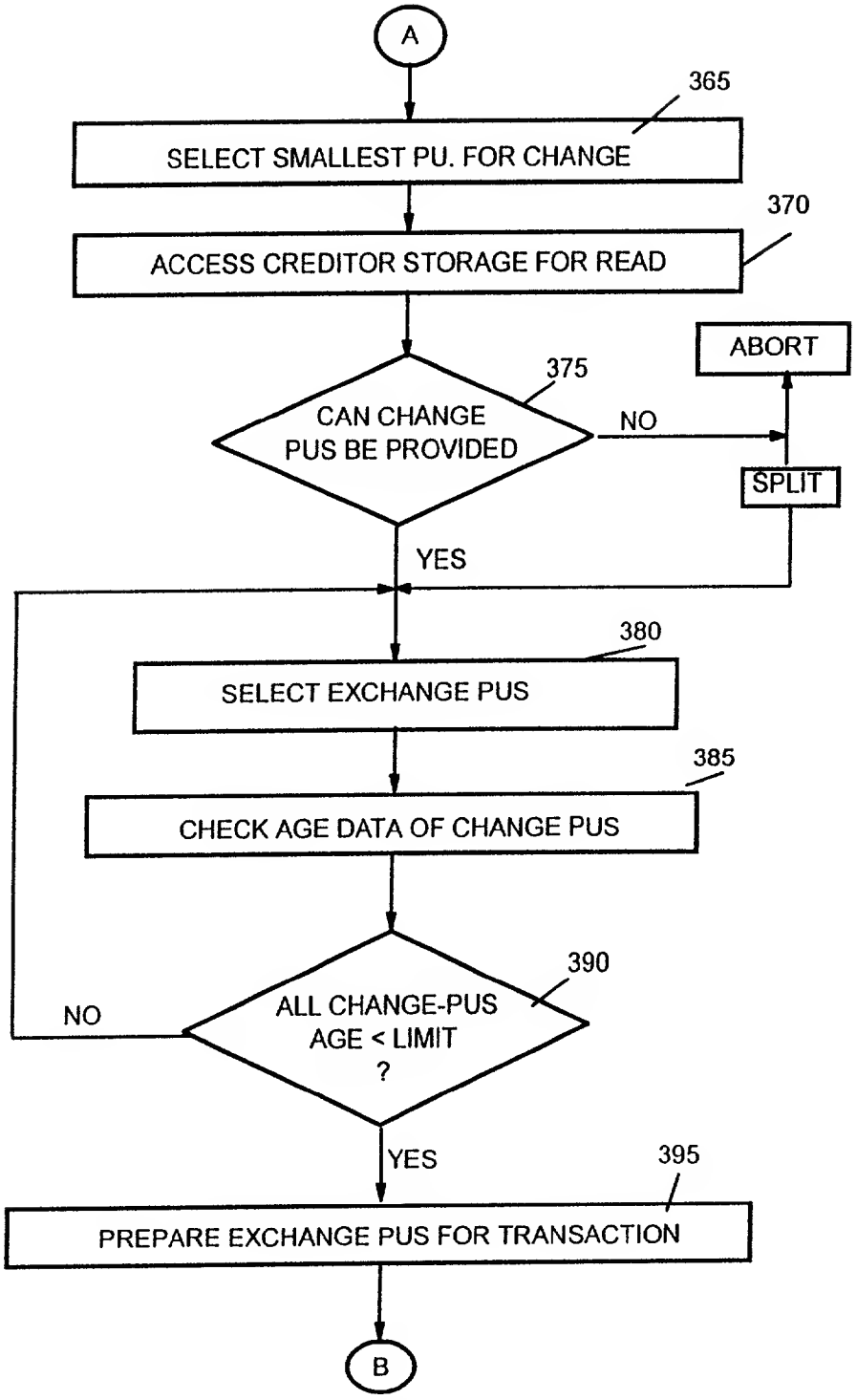
A
365
SELECT SMALLEST PU. FOR CHANGE
370
ACCESS CREDITOR STORAGE FOR READ
ABORT
375
CAN CHANGE PUS BE PROVIDED
NO
SPLIT
YES
380
SELECT EXCHANGE PUS
385
CHECK AGE DATA OF CHANGE PUS
390
ALL CHANGE-PUS AGE < LIMIT ?
NO
YES
395
PREPARE EXCHANGE PUS FOR TRANSACTION
B

FIG.3C